

800 WATER SUPPLY & DISTRIBUTION

ITEM 813 - ROCK EXCAVATION

- 813.01 Description**
- 813.02 Blasting**
- 813.03 Sand Bedding**
- 813.04 Method of Measurement**
- 813.05 Basis of Payment**

813.01 Description. Under this item, the Contractor shall furnish all labor, materials and equipment necessary to remove and dispose of rock encountered within the specified work limits. Rock shall be defined as per Section 903.01.

813.02 Blasting. The Contractor shall be governed in his blasting operations, by the requirements of Section 903.02.

813.03 Sand Bedding. Where rock excavation is performed, the trench shall be excavated 6 inches (152 mm) deeper than required for normal excavation, and clean sand, *meeting the requirements of Section 703.05*, shall be placed as a bedding for the pipe. Thickness of the sand bedding shall be 6 inches (152 mm). Payment for the excavation and sand shall be included in the unit price bid for rock excavation.

813.04 Method of Measurement. The volume of rock in water line trench for which payment is to be made, shall be computed on the basis of specified trench width and a bottom limiting plane at the level of the bottom of the sand bedding, which bottom is 6 inches (152 mm) below the bottom of the pipe barrel.

813.05 Basis of Payment. Payment per cubic yard (cubic meter) of rock excavation will be made in addition to other items in this contract, and will include all labor, materials, equipment, blasting, permits and safety regulations, necessary to excavate and dispose of rock excavation complete, to the satisfaction of the Engineer.

Payment will be made at the contract price for:

Item	Unit	Description
813	Cubic Yard (Cubic Meter)	Rock Excavation